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SIG

SILICO GREASE H1

TRANSPARENT, UNIVERSAL SILICONE GREASE

- Non-meltable silicone resin grease
- Temperature resistant from -40°C to +250°C
- Adheres very well to surfaces
- Anti-seizing and electrically insulating (glass, metal)
- Odourles and colourless
- Withstands solvents, chemcial agents and water very well
- Does not corrode metals or damage plastics/rubber
- NSF H1 certified
- MOSH/MOAH free
- Safe to use in the food industry



General Information

SILICO GREASE H1 is a translucent and odorless silicone lubricant, formulated for the use in various industries. It does not contain any abrasives, solvents or volatile silicones.
SILICO GREASE H1 creates a flexible, isolating and protective layer, making the treated surface resistant to water and corrosion. Due to the special formulation it also withstands solvents and other chemical agents very well.

SILICO GREASE H1 can safely be used on various material such as glass, metal, plastics, rubber and many more.
It has an excellent temperature resistance from -40°C up to 250°C. Even at high temperatures, SILICO GREASE H1 does not crack, melt or harden. SILICO GREASE H1 sticks to dry metals, ceramic, rubber and synthetic resins. SILICO GREASE H1 does not attack metals, phenolic and urea resins, styrofoam and polyethylene.

Technical Information

SILICO GREASE BUCKET
Physical state: paste
Colour: whitish
Odour: odourless
Chemical composition: silicone oil
Flash point: > 300°C
Density: 0,98 g/cm³
Self ignition temperature: > 400°C
Water solubility: practically insoluble
Worked penetration (at 25°C): 220/250
NLGI consistency: N.3
Freezing point: -50°C
Temperature resistance: -40°C to +250°C
Dielectric constant (at 25°C and 10^2 Hz): 2,74
Compatibility with elastomers:
EPDM-EPM-NBR-SBR-NR-IR-BR-IIR
Incompatibility with elastomers:
MFQ-MPQ-MPVQ-MQ-MVQ
Incidental food contact: yes
Contact with drinking water: yes
Water washout resistance: yes
Resistance to polar liquid: yes
Shelf life: 36 months, keep dry, cool and frost-proof.
Safety measures: consult the Safety Data Sheet.

SILICO GREASE TUBE
Physical state: paste
Colour: whitish
Odour: colourless
Flash point: > 100°C
Water solubility: practically insoluble
Evaporation (in 24h and at 200°C): < 2%
Worked penetration (25°C): 225/280 (after 60 strokes)
NLGI: 2
Freezing point: approx. -50°C
Operating temperature: -40°C to +200°C
Shelf life: 36 months, keep dry, cool and frost-proof.
Safety measures: consult the Safety Data Sheet.

Application and Use

- APPLICATION:
  - Can be used for deseizing metals, plastics, glass,...
  - Lubricates valves and waterworks in pharmaceutical and food industries
  - For maintaining running-in operations, laboratory glassware, waterworks, gaskets, metal or glass valves, runners, precision devices
  - Provides water-repelling protection and ensures watertightness through heavy consistency
  - Can be applied with a common grease gun or pad
  - Suitable for food use
- USE:
  - Surfaces that have been lubricated previously with a mineral-based grease must be perfectly clean before using SILICO GREASE H1
  - Can be diluted up to 10% in aromatic solvents (e.g. xylene, toluene) or chlorinated (e.g. perchloroehtylene, trichloroethane)
  - Apply with a brush or sprayer

Article nr	Name	Content	Shelf Life	Catalog
T208001	Silico Grease H1 1kg	1 kg	see imprint + 36 months	LUBRICANTS
T208005	Silico Grease H1 5kg	5kg	see imprint + 36 months	LUBRICANTS
T208100	Silico Grease H1 100g	100g	see imprint + 36 months	LUBRICANTS

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